



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/584,254	06/23/2006	Akinari Takada	062800-0119	1472

22428 7590 01/11/2010
FOLEY AND LARDNER LLP
SUITE 500
3000 K STREET NW
WASHINGTON, DC 20007

EXAMINER

DOAN, KIET M

ART UNIT	PAPER NUMBER
----------	--------------

2617

MAIL DATE	DELIVERY MODE
-----------	---------------

01/11/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION
SUPPLEMENTAL EXAMINER'S AMENDMENT

The title change filed on 12/04/2008 is hereby acknowledged..

The application is amended as follows:

Word in [...] is hereby deleted

Claim 7. A radio controlled timepiece comprising:

a clocking unit configured to clock a time;

a display unit configured to display a time based on clock information from the clocking unit;

a receiving unit configured to receive standard radio waves from transmitting stations in at least two countries or regions;

a second-synchronization detecting unit configured to detect second-synchronization information from a demodulated signal obtained by the receiving unit, wherein the second-synchronization detecting unit **[step]** includes:

a sampling unit configured to sequentially or synchronously detect logic "1" or logic "0" of the demodulated signal at regular intervals; and

an adding unit configured to add up a number of times of detection of any one of the logic "1" and the logic "0" detected by the sampling unit,

a transmitting station determining unit configured to analyze the demodulated signal based on the second-synchronization information to determine a transmitting station in a country or a region; and

a decoding unit configured to decode information included in the standard radio wave from the transmitting station determined by the transmitting station determining unit to obtain time information, wherein

the clock information of the clocking unit is corrected based on the time information obtained by the decoding unit, and

the transmitting station determining unit is configured to determine the transmitting station in the country or region based on a result of addition by the adding unit in the second-synchronization detecting unit.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIET DOAN whose telephone number is (571)272-7863. The examiner can normally be reached on 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles N. Appiah can be reached on 571-272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kiet Doan/
Examiner, Art Unit 2617

/Charles N. Appiah/
Supervisory Patent Examiner, Art Unit 2617